

DERWENT-ACC-NO: 1989-049398

DERWENT-WEEK: 198907

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TITLE: Heat resistant thermosetting resin moulding materials -
comprises di:allyl terephthalate! polymer,
poly(meth)acrylate cpds. and filler

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PRIORITY-DATA: 1987JP-0160395 (June 27, 1987)

PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE	PAGES	MAIN-IPC
JP <u>01004605</u> A	January 9, 1989	N/A	014	N/A

APPLICATION-DATA:

PUB-NO	APPL-DESCRIPTOR	APPL-NO	APPL-DATE
JP 01004605A	N/A	1987JP-0160395	June 27, 1987

INT-CL (IPC): C08F002/44, C08F218/18 , C08F220/20 , C08F263/08 ,
C08L031/08

ABSTRACTED-PUB-NO: JP 01004605A

BASIC-ABSTRACT:

Materials comprise 60-95 wt.% of (a) diallyl phthalate or diallyl terephthalate copolymers derived from diallyl terephthalate of formula (I) and aromatic hydrocarbons of formula (II). 5-40 wt.% (b) pol(meth)acrylates selected from (1) poly(meth)acrylate of dipentaerythritol contg. at least 4 (meth)acryloyl gps. in mol., (2) poly(meth)acrylate of pentaerythritol contg. at least 3 (meth)acryloyl gps. in mol., (3) poly(meth)acrylate of sorbitol contg. at least 3 (meth)acryloyl gps. in mol. and (4) tri(meth)acrylates of formula (III), and (c) fillers in amts. of 20-5000 pts.wt. to 100 pts.wt. of (a) and (b) in total. In the formulae R1,R2 = H or lower alkyl; n = 1-3; x = 0 or 1; in the case of x = 0, R3 is H, and in the case of x = 1, R3 is CH3 or ethyl gp.; R4 = (meth)acryloyl gp.).

USE/ADVANTAGE - The moulding materials are used for the mfr. of electric and electronic parts, mechanical parts, and medical parts. The moulding materials have reduced moulding cycle and provide mouldings having improved heat resistance and surface strength.

CHOSEN-DRAWING: Dwg.0/4

TITLE-TERMS: HEAT RESISTANCE THERMOSETTING RESIN MOULD
MATERIAL COMPRISE DI

ALLYL POLYTEREPHTHALATE POLYMER POLY METHO ACRYLATE
COMPOUND FILL

ADDL-INDEXING-TERMS:
POLYMETHACRYLATE

DERWENT-CLASS: A14 A23 A32

CPI-CODES: A04-A03; A04-B09; A08-R01;

UNLINKED-DERWENT-REGISTRY-NUMBERS: 0476U; 1041U ; 1278U ; 1377U ;
5085U ; 5214U

POLYMER-MULTIPUNCH-CODES-AND-KEY-SERIALS:

Key Serials: 0011 0035 0037 0205 0224 0060 0183 0226 1239 2020 2028 2066 2198
2211 2214 2217 2218 2300 2303 2307 2315 2333 2493 2545 2559 2600 2629 2737
2744

2764 1159 1173 1236 2123 1158 1235 2122

Multipunch Codes: 014 02& 034 06- 075 08- 10- 130 131 133 135 137 15- 18- 229
231 26& 264 266 267 28& 303 307 308 309 310 314 331 335 341 359 392 394 395 398
44& 441 473 476 48- 512 541 551 567 623 627 629 645 679 691 721 723 014 02& 034
06- 075 08- 10- 130 131 135 137 15- 18- 229 231 26& 264 266 267 27& 303 307 308
309 310 314 331 335 341 359 392 394 395 398 44& 441 473 476 48- 512 541 551 567
623 627 629 645 679 691 721 723

SECONDARY-ACC-NO:

CPI Secondary Accession Numbers: C1989-021651